

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.6.2020 6:00	2.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.6.2020 6:00	3.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.6.2020 6:00	4.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.6.2020 6:00	5.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.6.2020 6:00	6.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.6.2020 6:00	7.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.6.2020 6:00	8.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.6.2020 6:00	9.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.6.2020 6:00	10.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.6.2020 6:00	11.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.6.2020 6:00	12.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.6.2020 6:00	13.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.6.2020 6:00	14.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.6.2020 6:00	15.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.6.2020 6:00	16.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.6.2020 6:00	2.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.6.2020 6:00	3.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.6.2020 6:00	4.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.6.2020 6:00	5.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.6.2020 6:00	6.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.6.2020 6:00	7.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.6.2020 6:00	8.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.6.2020 6:00	9.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.6.2020 6:00	10.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.6.2020 6:00	11.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.6.2020 6:00	12.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.6.2020 6:00	13.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.6.2020 6:00	14.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.6.2020 6:00	15.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.6.2020 6:00	16.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.6.2020 6:00	2.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.6.2020 6:00	3.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.6.2020 6:00	4.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.6.2020 6:00	5.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.6.2020 6:00	6.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.6.2020 6:00	7.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.6.2020 6:00	8.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.6.2020 6:00	9.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.6.2020 6:00	10.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.6.2020 6:00	11.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.6.2020 6:00	12.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.6.2020 6:00	13.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.6.2020 6:00	14.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.6.2020 6:00	15.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.6.2020 6:00	16.6.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak

Kromatografska analiza plina za izlaz iz transportnog sustava Zaprešić - 6 bara - Zaprešić, je identična sa izlazom Zapad - 6 bara - Zagreb, a iz razloga jer obadva izlaza iz transportnog sustava preuzimaju plin iz istog plinovoda.
Podaci preuzeti sa web stranice transportnog operatora Plinacro.

Zadnja izmjena	N2 (mol %)	CO2 (mol %)	C1 (mol %)	C2 (mol %)	C3 (mol %)	C3+ (mol %)	n-C4 (mol %)	i-C4 (mol %)	n-C5 (mol %)	i-C5 (mol %)	neo-C5 (mol %)	C6 (mol %)	C6+ (mol %)	C7 (mol %)
2.6.2020 7:55	0,608	0,439	94,522	3,311	0,809	1,12	0,122	0,126	0,016	0,023	0,002		0,022	
3.6.2020 7:55	0,517	0,324	95,292	2,948	0,653	0,919	0,101	0,109	0,013	0,019	0,002		0,022	
4.6.2020 7:55	0,491	0,275	95,645	2,77	0,577	0,818	0,089	0,1	0,012	0,017	0,002		0,022	
5.6.2020 7:55	0,482	0,291	95,655	2,806	0,538	0,765	0,082	0,095	0,011	0,016	0,002		0,022	
6.6.2020 7:55	0,485	0,292	95,67	2,793	0,535	0,761	0,081	0,095	0,011	0,016	0,002		0,021	
7.6.2020 7:55	0,466	0,298	95,745	2,798	0,485	0,692	0,073	0,088	0,01	0,014	0,002		0,021	
8.6.2020 7:55	0,479	0,293	95,665	2,817	0,527	0,746	0,078	0,092	0,01	0,015	0,002		0,021	
9.6.2020 7:55	0,501	0,281	95,621	2,827	0,548	0,77	0,08	0,093	0,011	0,015	0,002		0,02	
10.6.2020 7:55	0,496	0,278	95,683	2,802	0,527	0,741	0,077	0,09	0,01	0,015	0,002		0,02	
11.6.2020 7:55	0,475	0,296	95,732	2,815	0,481	0,683	0,071	0,086	0,009	0,014	0,002		0,02	
12.6.2020 7:55	0,484	0,304	95,683	2,832	0,491	0,696	0,073	0,087	0,01	0,014	0,002		0,02	
13.6.2020 7:55	0,476	0,298	95,738	2,804	0,481	0,684	0,072	0,086	0,01	0,014	0,002		0,02	
14.6.2020 7:55	0,481	0,283	95,728	2,787	0,509	0,721	0,076	0,089	0,01	0,014	0,002		0,02	
15.6.2020 7:55	0,51	0,267	95,62	2,79	0,581	0,814	0,086	0,097	0,011	0,016	0,002		0,02	
16.6.2020 7:55	0,518	0,261	95,64	2,758	0,589	0,822	0,086	0,097	0,011	0,016	0,002		0,02	
2.6.2020 7:55	0,606	0,451	94,571	3,264	0,802	1,107	0,121	0,125	0,017	0,023	0,001		0,018	
3.6.2020 7:55	0,508	0,311	95,415	2,872	0,636	0,894	0,098	0,107	0,014	0,019	0,001		0,019	
4.6.2020 7:55	0,49	0,275	95,683	2,741	0,574	0,81	0,088	0,099	0,012	0,017	0,002		0,018	
5.6.2020 7:55	0,481	0,292	95,714	2,757	0,534	0,756	0,081	0,094	0,011	0,016	0,002		0,019	
6.6.2020 7:55	0,468	0,291	95,804	2,738	0,492	0,7	0,074	0,089	0,01	0,014	0,002		0,018	
7.6.2020 7:55	0,465	0,299	95,794	2,753	0,485	0,688	0,072	0,088	0,01	0,014	0,002		0,018	
8.6.2020 7:55	0,479	0,293	95,715	2,77	0,528	0,743	0,078	0,092	0,011	0,015	0,001		0,018	
9.6.2020 7:55	0,501	0,28	95,669	2,787	0,546	0,763	0,08	0,092	0,011	0,015	0,001		0,017	
10.6.2020 7:55	0,493	0,28	95,718	2,78	0,521	0,73	0,076	0,09	0,01	0,015	0,001		0,017	
11.6.2020 7:55	0,473	0,299	95,777	2,777	0,477	0,675	0,07	0,086	0,01	0,014	0,002		0,017	
12.6.2020 7:55	0,485	0,302	95,744	2,774	0,493	0,695	0,073	0,087	0,01	0,014	0,001		0,017	
13.6.2020 7:55	0,474	0,297	95,795	2,756	0,479	0,678	0,071	0,086	0,01	0,014	0,002		0,017	
14.6.2020 7:55	0,482	0,282	95,776	2,737	0,513	0,722	0,076	0,09	0,01	0,015	0,002		0,017	
15.6.2020 7:55	0,511	0,266	95,662	2,745	0,586	0,816	0,086	0,097	0,012	0,017	0,001		0,017	
16.6.2020 7:55	0,515	0,262	95,701	2,71	0,584	0,811	0,085	0,096	0,011	0,016	0,001		0,017	
2.6.2020 7:55	0,715	0,383	94,076	3,618	0,925	1,209	0,106	0,126	0,016	0,022	0	0,009		0,003
3.6.2020 7:55	0,536	0,334	95,247	2,94	0,69	0,942	0,085	0,117	0,015	0,02	0	0,009		0,006
4.6.2020 7:55	0,637	0,458	95,158	2,799	0,679	0,948	0,089	0,122	0,017	0,024	0	0,01		0,006
5.6.2020 7:55	0,483	0,288	95,72	2,764	0,541	0,745	0,066	0,096	0,011	0,016	0	0,008		0,007
6.6.2020 7:55	0,484	0,293	95,743	2,749	0,53	0,731	0,064	0,094	0,011	0,016	0	0,008		0,007
7.6.2020 7:55	0,465	0,298	95,817	2,758	0,479	0,662	0,057	0,087	0,01	0,014	0	0,008		0,008
8.6.2020 7:55	0,478	0,293	95,735	2,778	0,523	0,717	0,062	0,092	0,011	0,015	0	0,008		0,006
9.6.2020 7:55	0,499	0,283	95,68	2,793	0,546	0,745	0,065	0,094	0,011	0,015	0	0,008		0,006
10.6.2020 7:55	0,499	0,276	95,703	2,795	0,533	0,727	0,063	0,091	0,011	0,015	0	0,008		0,006
11.6.2020 7:55	0,479	0,289	95,79	2,773	0,487	0,668	0,057	0,086	0,01	0,014	0	0,007		0,007
12.6.2020 7:55	0,48	0,309	95,755	2,799	0,478	0,657	0,056	0,085	0,01	0,014	0	0,008		0,006
13.6.2020 7:55	0,483	0,298	95,771	2,776	0,49	0,672	0,058	0,086	0,01	0,014	0	0,008		0,004
14.6.2020 7:55	0,477	0,287	95,811	2,749	0,492	0,676	0,058	0,087	0,01	0,014	0	0,008		0,006
15.6.2020 7:55	0,505	0,27	95,701	2,756	0,563	0,768	0,067	0,097	0,011	0,016	0	0,008		0,006
16.6.2020 7:55	0,519	0,261	95,697	2,726	0,587	0,797	0,069	0,099	0,012	0,016	0	0,007		0,006

C8 (mol %)	C9+ (mol %)	NCV (kWh/m3) @15/15	NCV (MJ/m3) @15/15	NCV (kWh/m3) @25/0	NCV (MJ/m3) @25/0	GCV (kWh/m3) @15/15	GCV (MJ/m3) @15/15	GCV (kWh/m3) @25/0	GCV (MJ/m3) @25/0	Wd(kWh/m3) @15/15	Wd(Mj/m3) @15/15
		9,789651	35,243	10,330764	37,191	10,856284	39,083	11,445848	41,205	12,738	45,857
		9,748874	35,096	10,28766	37,036	10,813347	38,928	11,400477	41,042	12,744	45,88
		9,725711	35,013	10,26318	36,947	10,788801	38,84	11,374547	40,948	12,742	45,872
		9,718859	34,988	10,255942	36,921	10,781428	38,813	11,366764	40,92	12,736	45,851
		9,716589	34,98	10,253544	36,913	10,778981	38,804	11,36418	40,911	12,735	45,845
		9,706547	34,944	10,242934	36,875	10,768262	38,766	11,352862	40,87	12,73	45,827
		9,715996	34,978	10,252917	36,911	10,778362	38,802	11,363526	40,909	12,735	45,845
		9,71934	34,99	10,256449	36,923	10,781907	38,815	11,367269	40,922	12,736	45,851
		9,713503	34,969	10,250282	36,901	10,775683	38,792	11,360696	40,899	12,734	45,842
		9,705214	34,939	10,241526	36,869	10,766811	38,761	11,351329	40,865	12,729	45,823
		9,706914	34,945	10,243325	36,876	10,768565	38,767	11,353185	40,871	12,727	45,817
		9,704393	34,936	10,24066	36,866	10,765918	38,757	11,350388	40,861	12,727	45,819
		9,71	34,956	10,246645	36,888	10,772028	38,779	11,356837	40,885	12,733	45,838
		9,724505	35,008	10,261905	36,943	10,787468	38,835	11,373139	40,943	12,741	45,867
		9,723066	35,003	10,260385	36,937	10,785916	38,829	11,371501	40,937	12,74	45,864
		9,782022	35,215	10,322705	37,162	10,848068	39,053	11,437175	41,174	12,732	45,838
		9,740159	35,065	10,27845	37,002	10,804087	38,895	11,390696	41,007	12,742	45,873
		9,721514	34,997	10,258745	36,931	10,784305	38,823	11,369799	40,931	12,74	45,863
		9,712909	34,966	10,249656	36,899	10,775055	38,79	11,360034	40,896	12,733	45,839
		9,703311	34,932	10,239516	36,862	10,76482	38,753	11,349226	40,857	12,729	45,825
		9,701881	34,927	10,238005	36,857	10,763265	38,748	11,347586	40,851	12,727	45,818
		9,711209	34,96	10,24786	36,892	10,773232	38,784	11,35811	40,889	12,732	45,835
		9,714575	34,972	10,251415	36,905	10,776805	38,796	11,361882	40,903	12,734	45,841
		9,709426	34,954	10,245975	36,886	10,771321	38,777	11,35609	40,882	12,732	45,834
		9,700233	34,921	10,236264	36,851	10,76147	38,741	11,34569	40,844	12,725	45,811
		9,701935	34,927	10,238064	36,857	10,763238	38,748	11,34756	40,851	12,724	45,808
		9,699441	34,918	10,235428	36,848	10,760624	38,738	11,344798	40,841	12,725	45,81
		9,705941	34,941	10,242293	36,872	10,767616	38,763	11,352178	40,868	12,73	45,83
		9,720691	34,994	10,257875	36,928	10,78338	38,82	11,368822	40,928	12,739	45,859
		9,716924	34,981	10,253896	36,914	10,779341	38,806	11,364557	40,912	12,736	45,851
0,001	0	9,816446	35,339	10,358933	37,292	10,884685	39,185	11,475809	41,313	12,752	45,906
0	0	9,746356	35,087	10,284876	37,026	10,810418	38,918	11,397382	41,031	12,739	45,861
0,001	0	9,717596	34,983	10,254527	36,916	10,778773	38,804	11,364018	40,91	12,69	45,684
0	0	9,709798	34,955	10,246245	36,886	10,771598	38,778	11,356383	40,883	12,732	45,834
0	0	9,70585	34,941	10,242075	36,871	10,767346	38,762	11,351895	40,867	12,728	45,822
0	0	9,696217	34,906	10,231897	36,835	10,75707	38,725	11,341044	40,828	12,724	45,807
0	0	9,705805	34,941	10,242026	36,871	10,767321	38,762	11,351866	40,867	12,729	45,825
0	0	9,710276	34,957	10,246749	36,888	10,77207	38,779	11,356881	40,885	12,731	45,832
0	0	9,707726	34,948	10,244054	36,879	10,76936	38,77	11,354017	40,874	12,731	45,83
0	0	9,697334	34,91	10,233077	36,839	10,758248	38,73	11,342286	40,832	12,725	45,809
0	0	9,695528	34,904	10,231171	36,832	10,756234	38,722	11,340164	40,825	12,72	45,792
0,002	0	9,697085	34,91	10,232815	36,838	10,757934	38,729	11,341957	40,831	12,723	45,801
0,001	0	9,697329	34,91	10,233071	36,839	10,75826	38,73	11,342298	40,832	12,725	45,811
0	0	9,71182	34,963	10,248379	36,894	10,773752	38,786	11,358655	40,891	12,733	45,841
0	0	9,71375	34,969	10,250419	36,902	10,775804	38,793	11,360821	40,899	12,735	45,844

Wd(kWh/m3) @25/0	Wd(Mj/m3) @25/0	Wg(kWh/m3) @15/15	Wg(Mj/m3) @15/15	Wg(kWh/m3) @25/0	Wg(Mj/m3) @25/0	ρ (kg/m3) @15	ρ (kg/m3) @0	d@15	d@0	M kg/kmol	R J/kgK	MN (metanski broj)
13,44	48,385	14,126	50,854	14,891	53,608	0,724	0,7639	0,591	0,5908	17,075	486,939	83,84
13,447	48,409	14,136	50,889	14,901	53,645	0,717	0,7568	0,585	0,5853	16,917	491,484	85,43
13,444	48,4	14,135	50,886	14,9	53,641	0,714	0,7534	0,583	0,5827	16,843	493,641	86,257
13,438	48,378	14,129	50,864	14,894	53,618	0,714	0,7531	0,582	0,5824	16,834	493,902	86,444
13,437	48,371	14,127	50,857	14,892	53,611	0,713	0,7529	0,582	0,5823	16,832	493,983	86,506
13,431	48,353	14,122	50,84	14,887	53,593	0,712	0,7519	0,581	0,5816	16,81	494,63	86,838
13,437	48,372	14,127	50,858	14,892	53,612	0,713	0,7528	0,582	0,5822	16,829	494,055	86,535
13,438	48,378	14,129	50,863	14,894	53,617	0,714	0,7532	0,582	0,5825	16,837	493,831	86,397
13,436	48,369	14,126	50,855	14,891	53,609	0,713	0,7525	0,582	0,582	16,823	494,248	86,591
13,43	48,348	14,121	50,835	14,885	53,588	0,712	0,7519	0,581	0,5815	16,808	494,664	86,857
13,428	48,342	14,119	50,828	14,883	53,58	0,713	0,7523	0,582	0,5819	16,818	494,367	86,76
13,429	48,344	14,12	50,831	14,884	53,583	0,712	0,7519	0,581	0,5815	16,808	494,666	86,872
13,435	48,364	14,125	50,851	14,89	53,604	0,713	0,7521	0,582	0,5817	16,814	494,499	86,723
13,443	48,395	14,133	50,88	14,899	53,636	0,714	0,7534	0,583	0,5827	16,843	493,658	86,257
13,442	48,392	14,133	50,877	14,898	53,632	0,714	0,7533	0,583	0,5826	16,84	493,739	86,291
13,434	48,361	14,119	50,829	14,884	53,582	0,723	0,7634	0,59	0,5905	17,066	487,205	84,029
13,445	48,401	14,134	50,883	14,9	53,639	0,716	0,7557	0,584	0,5845	16,892	492,21	85,726
13,442	48,391	14,133	50,877	14,898	53,632	0,714	0,7531	0,582	0,5825	16,835	493,882	86,383
13,435	48,365	14,125	50,851	14,89	53,605	0,713	0,7525	0,582	0,582	16,819	494,366	86,629
13,431	48,35	14,122	50,838	14,886	53,59	0,712	0,7515	0,581	0,5813	16,8	494,898	86,947
13,429	48,343	14,119	50,83	14,884	53,582	0,712	0,7515	0,581	0,5813	16,801	494,894	86,981
13,434	48,361	14,124	50,848	14,889	53,601	0,713	0,7524	0,582	0,5819	16,82	494,322	86,678
13,436	48,368	14,126	50,854	14,891	53,607	0,713	0,7527	0,582	0,5822	16,827	494,113	86,541
13,433	48,361	14,124	50,847	14,889	53,6	0,713	0,7521	0,582	0,5817	16,814	494,486	86,718
13,427	48,336	14,118	50,823	14,882	53,575	0,712	0,7515	0,581	0,5812	16,8	494,922	87,006
13,426	48,333	14,116	50,819	14,881	53,57	0,712	0,7519	0,581	0,5815	16,808	494,676	86,914
13,426	48,335	14,117	50,822	14,882	53,574	0,712	0,7514	0,581	0,5812	16,798	494,979	87,03
13,432	48,356	14,123	50,843	14,888	53,596	0,712	0,7518	0,581	0,5814	16,806	494,738	86,849
13,441	48,387	14,131	50,872	14,896	53,627	0,714	0,7531	0,582	0,5825	16,835	493,875	86,37
13,438	48,379	14,129	50,865	14,894	53,619	0,713	0,7528	0,582	0,5822	16,828	494,092	86,479
13,455	48,436	14,139	50,902	14,905	53,659	0,726	0,7664	0,593	0,5928	17,132	485,365	82,887
13,441	48,388	14,13	50,867	14,895	53,622	0,717	0,757	0,585	0,5855	16,923	491,33	85,354
13,388	48,198	14,076	50,672	14,837	53,413	0,719	0,7585	0,587	0,5866	16,955	490,447	85,639
13,433	48,359	14,124	50,846	14,889	53,599	0,713	0,7522	0,582	0,5818	16,816	494,438	86,671
13,43	48,347	14,12	50,834	14,885	53,586	0,713	0,752	0,582	0,5816	16,811	494,593	86,782
13,425	48,331	14,116	50,818	14,88	53,57	0,712	0,751	0,581	0,5809	16,789	495,234	87,119
13,431	48,35	14,121	50,837	14,886	53,589	0,712	0,7519	0,581	0,5815	16,809	494,654	86,797
13,433	48,357	14,123	50,843	14,888	53,596	0,713	0,7524	0,582	0,5819	16,819	494,348	86,613
13,432	48,356	14,123	50,842	14,888	53,595	0,713	0,752	0,582	0,5816	16,811	494,579	86,692
13,426	48,333	14,117	50,82	14,881	53,572	0,712	0,7511	0,581	0,5809	16,791	495,168	87,057
13,421	48,315	14,112	50,802	14,876	53,553	0,712	0,7514	0,581	0,5811	16,797	494,992	87,059
13,424	48,325	14,114	50,812	14,879	53,563	0,712	0,7513	0,581	0,5811	16,796	495,027	87,016
13,426	48,335	14,117	50,823	14,882	53,575	0,712	0,751	0,581	0,5809	16,79	495,214	87,058
13,435	48,367	14,126	50,853	14,891	53,606	0,713	0,7523	0,582	0,5819	16,818	494,38	86,576
13,436	48,371	14,127	50,857	14,892	53,61	0,713	0,7525	0,582	0,582	16,822	494,265	86,509